

Docket No. 293258US0PCT

49/586650
IAP6 Rec'd PCT/PTO 19 JUL 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Bernd BRUCHMANN, et al.

SERIAL NO: New US PCT Application Based on PCT/EP05/01200

GAU:

FILED: Herewith

EXAMINER:

FOR: HIGHLY FUNCTIONAL, HIGHLY BRANCHED POLYUREAS

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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19/586650

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New U.S. PCT Application Based on PCT/EP05/01200

Bernd BRUCHMANN, et al.

Docket No. 293258 US

STATEMENT OF RELEVANCY

- 1) References AJ-AL, & AR have been cited in the International Search Report. A copy of these references is being submitted herewith.
- 2) References have been cited in the corresponding Search Report. A copy of these references is being submitted herewith.
- 3) References AA, AM-AP, & AS-AW are discussed in the specification. A copy of these references is being submitted herewith.
- 4) References are additional prior art known to Applicant. A copy of these references is being submitted herewith.

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 293258US0PCT		SERIAL NO. New US PCT Application Based on PCT/EP05/01200	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Bernd BRUCHMANN, et al.			
				FILING DATE Herewith		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	2002 0161113	10/31/2002	DVORNIE et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AJ	1 770 413	10/21/1971	DE(with English abstract)			NO
	AK	0 179 273	4/30/1986	EP (equivalent of US 4 713 440)			NO
	AL	102 04 979	8/14/2003	DE (equivalent of US 2005 0222360)			NO
	AM	98 52995	11/26/1998	WO			NO
	AN	1 026 185	8/9/2000	EP (equivalent of US 6 376 637)			NO
	AO	100 30 869	1/3/2002	DE (equivalent of US 6 632 914 and US 2003 0114629)			NO
	AP	98 50453	11/12/1998	WO (equivalent of GB 2 324 797)			NO
	AQ						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	HARRIS et al., "SYNTHESIS AND CHARACTERIZATION OF UREA-BASED POLYUREAS: 1. UREA-TERMINATED POLY (1,6-HEXAMETHYLENEUREA) POLYOL DISPERSIONS", POLYMER, Vol. 36, No. 22, pages 4275-4285, 1995					
	AS	Becker/Braun, Kunststoff-Handbuch Volume 7, Polyurethane, Hanser-Verlag 1993.					
	AT	KUMAR et al., "NOVEL HYPERBRANCHED POLYMER BASED ON UREA LINKAGES", CHEM. COMMUN., pages 1629-1630, 1998.					
	AU	KUMAR et al., "DENDRITIC AND HYPERBRANCHED POLYMERS BASED ON UREA LINKAGES", POLYM. CHEM. Vol. 39, No. 2, pages 619-620, 1998				<input type="checkbox"/> Additional References sheet(s) attached	
	AV	AMBADE et al., "AN EFFICIENT ROUTE FOR THE SYNTHESIS OF HYPERBRANCHED POLYMERS AND DENDRITIC BUILDING BLOCKS BASED ON UREA LINKAGES", JOURNAL OF POLYMER SCIENCE: PART A: POLYMER CHEMISTRY, Vol. 39, pages 1295-1304, 2001					
	AW	RANNARD et al., "THE USE OF IN-SITU SELECTIVE ACTIVATION OF AB2 MONOMERS IN HYPERBRANCHED POLYMER SYNTHESIS-INITIAL RESULTS OF A DIVERSE CHEMISTRY", POLYMERIC MATERIALS: SCIENCE & ENGINEERING, Vol. 84, No. 2, 2001					
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							